

**Amendments to the Specification:**

Please replace paragraph [0001] with the following amended paragraph:

This application ~~claims the benefit of~~ is a continuation of PCT Application Serial No. PCT/US01/49193 filed Dec. 19, 2001, entitled "Processing Well Logging Data With Neural Network" which claims priority from U.S. Provisional 60/256,679; filed Dec. 19, 2000 and U.S. Provisional 60/299,002; filed Jun. 18, 2001. The provisional applications and the PCT application are incorporated by reference herein as if reproduced in full below.